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| # | nius | Search Query | DUS | Operator | Fiuldis | Time Stamp |
| L1 | 50 | ("4796699" "4856595" "4568932" "5273112" "5273113" "5293937" "5333686" "5355960" "5412568" "5490564" "5547029" "5666050" "5691712" "5811894" "5960883" "5995020" "6046685" "6182764" "4939745" "6624629" "4802115" "5524481" "4355310" "4604661" "6105688" "6798350" "6851444" "4787093" "4908804" "5201375" "5417295" "5767671" "6388577" "6760275" "4490095" "4540348" "4565496" "5006046" "5413175" "6035952" "4035023" "4036297" "4082147" "4374544" "4573532" "4575313" "4621496" "4791990" "4793178" "4877956").pn. | US-PGPUB; USPAT | OR | ON | 2006/06/05 11:08 |
| L2 | 1 | ("4796699" "4856595" "4568932" "5273112" "5273113" "5293937" "5333686" "5355960" "5412568" "5490564" "5547029" "5666050" "5691712" "5811894" "5960883" "5995020" "6046685" "6182764" "4939745" "6624629" "4802115" "5524481" "4355310" "4604661" "6105688" "6798350" "6851444" "4787093" "4908804" "5201375" "5417295" "5767671" "6388577" "6760275" "4490095" "4540348" "4565496" "5006046" "5413175" "6035952" "4035023" "4036297" "4082147" "4374544" "4573532" "4575313" "4621496" "4791990" "4793178" "4877956").pn. and (autocorrelat\$4 or (auto same correlat\$4)) and command and signal | US-PGPUB; USPAT | OR | ON | 2006/06/05 11:11 |

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| L3 | 1 | ("4796699" "4856595" "4568932" "5273112" "5273113" "5293937" "5333686" "5355960" "5412568" "5490564" "5547029" "5666050" "5691712" "5811894" "5960883" "5995020" "6046685" "6182764" "4939745" "6624629" "4802115" "5524481" "4355310" "4604661" "6105688" "6798350" "6851444" "4787093" "4908804" "5201375" "5417295" "5767671" "6388577" "6760275" "4490095" "4540348" "4565496" "5006046" "5413175" "6035952" "4035023" "4036297" "4082147" "4374544" "4573532" "4575313" "4621496" "4791990" "4793178" "4877956").pn. and (autocorrelat\$4 or (auto same correlat\$4)) and command | US-PGPUB; USPAT | OR | ON | 2006/06/05 11:10 |
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6/5/06 11:51:33 AM Page 2

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|----|----|--|------------------------------|----|----|------------------|
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| L6 | 7 | ("3316997" "3915256" "4318674" "4389164" "4408676" "4689744").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/05 11:16 |
| L7 | 34 | ("4796699" "4856595" "4568932" "5273112" "5273113" "5293937" "5333686" "5355960" "5412568" "5490564" "5547029" "5666050" "5691712" "5811894" "5960883" "5995020" "6046685" "6182764" "4939745" "6624629" "4802115" "5524481" "4355310" "4604661" "6105688" "6798350" "6851444" "4787093" "4908804" "5201375" "5417295" "5767671" "6388577" "6760275" "4490095" "4540348" "4565496" "5006046" "5413175" "6035952" "4035023" "4036297" "4082147" "4374544" "4573532" "4575313" "4621496" "4791990" "4793178" "4877956").pn. and command and signal | US-PGPUB; USPAT | OR | ON | 2006/06/05 11:24 |

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| L8 | 18 | ("4796699" "4856595" "4568932" | US-PGPUB; | OR | ON | 2006/06/05 11:24 |
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| | | [*] 5273112" "5273113" "5293937" | USPAT | | | |
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| | | "4793178" "4877956").pn. and | | | | |
| | | command and signal and repeat\$3 | | ļ | | |
| L9 | 12 | ("3856085" "4113012" | US-PGPUB; | OR | ON | 2006/06/05 11:42 |
| | | "4375239" "4636934" "4711305" | USPAT; | | | |
| | | "4796699" "4856595" | USOCR | | | |
| | | "4896722" "4915168" "4916648" | | | | |
| | | "5101907" "5222049").PN. | | | | |

| | U | 1 | Document ID | Issue Date | Pages |
|----|---|---|---------------|------------|-------|
| 1 | | | US 6798350 B2 | 20040928 | 13 |
| 2 | | | US 6760275 B2 | 20040706 | 18 |
| 3 | | | US 6388577 B1 | 20020514 | 19 |
| 4 | | | US 6105688 A | 20000822 | 17 |
| 5 | | X | US 6046685 A | 20000404 | 35 |
| 6 | | | US 5995020 A | 19991130 | 7 |
| 7 | | | US 5691712 A | 19971125 | 40 |
| 8 | | | US 5490564 A | 19960213 | 24 |
| 9 | | X | US 5412568 A | 19950502 | 25 |
| 10 | | х | US 5355960 A | 19941018 | 25 |
| 11 | | Х | US 5293937 A | 19940315 | 17 |
| 12 | | Х | US 5273113 A | 19931228 | 24 |
| 13 | | Х | US 5273112 A | 19931228 | 24 |

| | Title | Current OR | Current XRef |
|----|--|------------|---|
| 1 | Method for repeating messages in long intelligent completion system lines | 340/853.3 | 166/250.01; 166/369; 175/50; 340/853.1; 340/853.7 |
| 2 | High impact communication and control system | 367/83 | 340/853.1; 340/854.3; 340/854.4 |
| 3 | High impact communication and control system | 340/854.3 | 340/854.4; 367/81; 367/83; 702/6 |
| 4 | Safety method and apparatus for a perforating gun | 175/4.54 | 175/4.6 |
| 5 | Redundant downhole production well control system and method | 340/853.2 | 137/606; 166/363; 340/853.3 |
| 6 | Downhole power and communication system | 340/854.9 | 166/250.01; 175/40; 340/855.3; 340/855.4; 340/855.8 |
| 7 | Multiple wellbore tool apparatus including a plurality of microprocessor implemented wellbore tools for operating a corresponding plurality of included wellbore tools and acoustic transducers in response to stimulus signals and acoustic signals | 340/853.3 | 166/65.1; 340/853.1; 340/854.3; 340/855.5 |
| 8 | Pressure change signals for remote control of downhole tools | 166/374 | 166/319; 166/53 |
| 9 | Remote programming of a downhole too | 702/6 | 166/250.01 |
| 10 | Pressure change signals for remote control of downhole tools | 166/374 | 166/319; 166/53 |
| 11 | Acoustic system and method for performing operations in a well | 166/250.01 | |
| 12 | Controlling multiple tool positions with a single repeated remote command signal | 166/374 | 166/65.1 |
| 13 | Surface control of well annulus pressure | 166/374 | 166/250.07 |

| | U | 1 | Document ID | Issue Date | Pages |
|----|---|---|--------------|------------|-------|
| 14 | | | US 4877956 A | 19891031 | 15 |
| 15 | | | US 4856595 A | 19890815 | 16 |
| 16 | | | US 4802115 A | 19890131 | 12 |
| 17 | | | US 4796699 A | 19890110 | 17 |
| 18 | | | US 4573532 A | 19860304 | 20 |

| | Title | Current OR | Current XRef |
|----|--|------------|--|
| 14 | Closed feedback injection system for radioactive materials using a high pressure radioactive slurry injector | 250/259 | 250/260 |
| 15 | Well tool control system and method | 166/374 | 166/264; 166/319; 166/53; 166/64 |
| 16 | Multi-unit communicating system | 710/69 | 718/100; 718/106 |
| 17 | Well tool control system and method | 166/250.17 | 166/264; 166/319; 166/374; 166/53; 166/64; 166/66.6 |
| 18 | Jacquard fluid controller for a fluid sampler and tester | 166/264 | 137/625.19; 251/62; 73/152.55 |

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... receiver having a **signal** service connection with a well **tool** control processor; ... For example, if a **command** to detonate a downhole **perforating** gun is ...

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When a command signal is detected, the controller responds by actuating a ... The

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United States Patent Application: 0050090985

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